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OM protein - protein search, using sw model

Run on: June 25, 2003, 11:49:40 ; Search time 14.08 Seconds

(without alignments)
33,435 Million cell updates/sec

Title: US-09-869-540A-2_COPY_4_19

Sequence: 1 MRCMLGRYRRCQV 16

Scoring table: BLOSUM62

Searched: 262574 seqs, 29422922 residues
Gapop 10.0, Gapext 0.5

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA:*
1: /cgn2_6/prodata/1/1aa/5A_COMB.pep.*
2: /cgn2_6/prodata/1/1aa/5B_COMB.pep.*
3: /cgn2_6/prodata/1/1aa/6A_COMB.pep.*
4: /cgn2_6/prodata/1/1aa/6B_COMB.pep.*
5: /cgn2_6/prodata/1/1aa/PCUS_COMB.pep.*
6: /cgn2_6/prodata/1/1aa/Backfill.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	95	100.0	21	4	US-09-218-467B-8
2	62	65.3	17	1	US-07-992-288-5
3	62	65.3	17	1	US-07-989-764-5
4	42	44.2	52	1	US-08-247-475-38
5	42	44.2	52	1	US-08-479-650-38
6	42	44.2	52	1	US-08-191-866D-60
7	42	44.2	52	1	US-08-674-169-38
8	42	44.2	52	2	US-08-185-949B-60
9	42	44.2	155	1	US-08-150-203A-7
10	42	44.2	155	1	US-08-454-730-7
11	42	44.2	155	1	US-08-949-788-7
12	42	44.2	577	6	5352575-9
13	40	42.1	493	1	US-08-341-916-2
14	40	42.1	493	1	US-08-805-169-2
15	40	42.1	493	1	US-08-805-169-2
16	40	42.1	493	2	US-08-957-365-2
17	40	42.1	493	2	US-08-957-364-2
18	40	42.1	493	2	US-08-476-123-12
19	40	42.1	1711	2	US-08-342-930-2
20	39.5	41.6	86	4	US-09-300-008B-55
21	39	41.1	523	3	US-08-651-999A-2
22	39	41.1	523	3	US-09-385-752-2
23	39	41.1	1614	4	US-09-052-469-2
24	39	41.1	4302	4	US-08-658-136-5
25	39	41.1	4302	4	US-09-052-469-8
26	39	41.1	4302	2	US-08-468-751-2
27	39	41.1	4339	4	US-09-052-469-6

28	38.5	40.5	166	2	US-08-631-328-55	Sequence 55, Appl
29	38.5	40.5	166	4	US-09-339-913B-86	Sequence 86, Appl
30	38.5	40.5	166	4	US-09-339-904A-86	Sequence 86, Appl
31	38.5	40.5	166	4	US-08-769-062B-86	Sequence 86, Appl
32	38.5	40.5	166	4	US-09-344-002B-86	Sequence 86, Appl
33	38.5	40.5	166	4	US-09-559-565C-86	Sequence 86, Appl
34	38.5	40.5	169	4	US-08-026-758-18	Sequence 18, Appl
35	38.5	40.5	169	1	US-08-026-935-17	Sequence 17, Appl
36	38.5	40.5	169	4	US-09-206-936-17	Sequence 17, Appl
37	38.5	40.5	189	4	US-09-487-792-10	Sequence 10, Appl
38	38.5	40.5	490	1	US-08-201-118-5	Sequence 5, Appl
39	38.5	40.0	490	1	US-08-201-118-11	Sequence 11, Appl
40	38	40.0	490	2	US-08-238-821B-5	Sequence 5, Appl
41	38	40.0	490	2	US-08-238-821B-11	Sequence 11, Appl
42	38	40.0	490	5	PCF-US95-05744-5	Sequence 5, Appl
43	38	40.0	490	5	PCF-US95-05744-11	Sequence 11, Appl
44	38	40.0	2353	4	US-08-984-709A-50	Sequence 50, Appl
45	37	38.9	83	2	US-09-047-125-33	Sequence 33, Appl

ALIGNMENTS

RESULT 1
US-09-218-467B-8
; Sequence 8, Application US/09218467B
; Patent No. 6362326
; GENERAL INFORMATION:
; APPLICANT: SATHE, GANESH
; APPLICANT: ELLIS, CATHERINE
; APPLICANT: HALSEY, WENDY
; APPLICANT: BERGMA, DEREK
; TITLE OF INVENTION: 11cy Genomic Sequence
; FILE REFERENCE: GP-50010
; CURRENT APPLICATION NUMBER: US/09/218,467B
; CURRENT FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; TYPE: PRT
; LENGTH: 21
; ORGANISM: HOMO SAPIENS
US-09-218-467B-8

Query Match 100.0%; Score 95; DB 4; Length 21;
Best Local Similarity 100.0%; Pred. No. 4; 1e-09;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRCMLGRYRRCQV 16
DB 5 MRCMLGRYRRCQV 20

RESULT 2
US-07-992-288-5
; Sequence 5, Application US/07992288
; Patent No. 5338831
; GENERAL INFORMATION:
; APPLICANT: Leibel, Michel
; APPLICANT: Eichler, Tutta
; APPLICANT: Pokorny, Vlt
; APPLICANT: Jehnicka, Jiri
; APPLICANT: Mudra, Petr
; APPLICANT: Zentsek, Karel
; APPLICANT: Stierandova, Alena
; APPLICANT: Kalousek, Jan
; APPLICANT: Bolt, Jan
; TITLE OF INVENTION: METHOD OF MAKING MULTIPLE SYNTHESIS OF
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore & Minamow, Ltd.
; STREET: 180 No. 5338831th Stetson, Suite 4700

CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/992,288
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/645,121
FILING DATE: 24-JAN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hoover, Allen J.
REGISTRATION NUMBER: 24,103
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-992-288-5

Query Match 65.3%; Score 62; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 0.00071;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 2 LRCMLGRVYRPSMEV 16
DB 3 MRSWGRVYRPSMEV 17

RESULT 3
US-07-989-764-5
Sequence 5, Application US/07989764
Patent No. 5342585
GENERAL INFORMATION:
APPLICANT: Leibel, Michael
APPLICANT: Eichler, Julia
APPLICANT: Pokorny, Vite
APPLICANT: Jenicka, Jiri
APPLICANT: Mudra, Petr
APPLICANT: Zenisek, Karel
APPLICANT: Stierandova, Alena
APPLICANT: Kalousek, Jan
TITLE OF INVENTION: APPARATUS FOR MAKING MULTIPLE SYNTHESIS
TITLE OF INVENTION: OF PEPTIDES ON SOLID SUPPORT
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore & Milnamow, Ltd.
STREET: 180 No. 5342585th Stetson, Suite 4700
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/989,764
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/645,121
FILING DATE: 24-JAN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hoover, Allen J.
REGISTRATION NUMBER: 24,103
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-989-764-5

Query Match 65.3%; Score 62; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 0.00071;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 2 LRCMLGRVYRPSMEV 16
DB 3 MRSWGRVYRPSMEV 17

RESULT 4
US-08-247-475-38
Sequence 38, Application US/08247475
Patent No. 5593873
GENERAL INFORMATION:
APPLICANT: Cochran, Mark D.
APPLICANT: Macdonald, Richard D.
TITLE OF INVENTION: Recombinant Infectious Bovine
TITLE OF INVENTION: Rhinotracheitis Virus
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: John P. White
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/247,475
FILING DATE: May 23, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
TELEX: 422523
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Pseudorabies Virus
US-08-247-475-38

Query Match 44.2%; Score 42; DB 1; Length 52;
Best Local Similarity 63.6%; Pred. No. 3.6;

Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
Oy 3 RCMIGRYRPC 13
DB 9 RCLLYVYERC 19

RESULT 5
US-08-479-650-38
Sequence 38, Application US/08479650
Patent No. 5599544
GENERAL INFORMATION:
APPLICANT: Cochran, Mark D.
APPLICANT: Macdonald, Richard D.
TITLE OF INVENTION: Recombinant Infectious Bovine
TITLE OF INVENTION: Rhinotracheitis Virus
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: John P. White
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,650
FILING DATE: June 7, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
TELEX: 422523
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Pseudorabies Virus
US-08-479-650-38

Query Match 44.2%; Score 42; DB 1; Length 52;
Best Local Similarity 63.6%; Pred. No. 3.6;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
Oy 3 RCMIGRYRPC 13
DB 9 RCLLYVYERC 19

RESULT 6
US-08-191-866D-60
Sequence 60, Application US/08191866D
Patent No. 5783195
GENERAL INFORMATION:
APPLICANT: Cochran, Mark D.
APPLICANT: Macdonald, Richard D.
TITLE OF INVENTION: Recombinant Infectious Bovine
TITLE OF INVENTION: Rhinotracheitis Virus S-IBR-052 And Uses Thereof
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:

ADDRESSEE: John P. White
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/191,866D
FILING DATE: 4 February 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
TELEX: 422523
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Pseudorabies Virus
US-08-191-866D-60

Query Match 44.2%; Score 42; DB 1; Length 52;
Best Local Similarity 63.6%; Pred. No. 3.6;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
Oy 3 RCMIGRYRPC 13
DB 9 RCLLYVYERC 19

RESULT 7
US-08-674-169-38
Sequence 38, Application US/08674169
Patent No. 5804372
GENERAL INFORMATION:
APPLICANT: Cochran, Mark D.
APPLICANT: Macdonald, Richard D.
TITLE OF INVENTION: Recombinant Infectious Bovine
TITLE OF INVENTION: Rhinotracheitis Virus
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: John P. White
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/674,169
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
TELEX: 422523
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Pseudorabies Virus
US-08-674-169-38

Query Match 44.2%; Score 42; DB 1; Length 52;
Best Local Similarity 63.6%; Pred. No. 3.6;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3 RCMGRTVYRPC 13
11:1 11 11
Db 9 RCLLYVYVPC 19

RESULT 8
US-08-185-949B-60
Sequence 60, Application US/08185949B
Patent No. 5874279
GENERAL INFORMATION:
APPLICANT: Mark D. Cochran
APPLICANT: Richard D. MacDonald
TITLE OF INVENTION: Recombinant Infectious Bovine
TITLE OF INVENTION: Rhinotracheitis Virus
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: John P. White
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM 330 466 DX2
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/185,949B
FILING DATE: 03-NOV-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 278-0525
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Pseudorabies Virus
US-08-185-949B-60

Query Match 44.2%; Score 42; DB 2; Length 52;
Best Local Similarity 63.6%; Pred. No. 3.6;

Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 3 RCMGRTVYRPC 13
11:1 11 11
Db 9 RCLLYVYVPC 19

RESULT 9
US-08-150-203A-7
Sequence 7, Application US/08150203A
Patent No. 5676951
GENERAL INFORMATION:
APPLICANT: Rijsewijk, Franciscus Antonius Maria
APPLICANT: van Oirschot, Johannes Theodorus
APPLICANT: Maes, Roger Kamel
TITLE OF INVENTION: Bovine Herpesvirus Type 1
TITLE OF INVENTION: Deletion Mutants, Vaccines Based
TITLE OF INVENTION: Theron, Diagnostic Kits For
TITLE OF INVENTION: Detection Of Bovine Herpesvirus
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann & Baron
STREET: 350 Jericho Turnpike
CITY: Jericho
STATE: New York
COUNTRY: United States of America
ZIP: 11753
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 Inch,
MEDIUM TYPE: 1.44 MB Storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: WORD PERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/150,203A
FILING DATE: December 6, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA: No. 5676951e
ATTORNEY/AGENT INFORMATION:
NAME: Louise A. Foulch
REGISTRATION NUMBER: 37,133
REFERENCE/DOCKET NUMBER: 294-22
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 822-3550
TELEFAX: (516) 822-3582
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 155 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-150-203A-7

Query Match 44.2%; Score 42; DB 1; Length 155;
Best Local Similarity 63.6%; Pred. No. 11;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 3 RCMGRTVYRPC 13
11:1 11 11
Db 43 RCLLYVYVPC 53

RESULT 10
US-08-454-730-7
Sequence 7, Application US/08454730
Patent No. 5789177
GENERAL INFORMATION:
APPLICANT: Rijsewijk, Franciscus Antonius Maria
APPLICANT: van Oirschot, Johannes Theodorus
APPLICANT: Maes, Roger Kamel
TITLE OF INVENTION: Bovine Herpesvirus Type 1
TITLE OF INVENTION: Deletion Mutants, Vaccines Based

TITLE OF INVENTION: Thereon, Diagnostic Kits For
TITLE OF INVENTION: Detection Of Bovine Herpesvirus
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Hoffmann & Baron
STREET: 350 Jericho Turnpike
CITY: Jericho
STATE: New York
COUNTRY: United States of America
ZIP: 11753
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch,
MEDIUM TYPE: 1.44 MB Storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: WORD PERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/454,730
FILING DATE: May 31, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/150,203
FILING DATE: December 6, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Ronald J. Baron
REGISTRATION NUMBER: 29,281
REFERENCE/DOCKET NUMBER: 294-22 DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 822-3550
TELEFAX: (516) 822-3582
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 155 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: Linear
US-08-454-730-7

Query Match 44.2%; Score 42; DB 1; Length 155;
Best Local Similarity 63.6%; Pred. No. 11;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3 RCMGRRVYRPC 13
DB 43 RCLLYVYVPC 53

RESULT 11
US-08-949-788-7
Sequence 7, Application US/08949788
Patent No. 6403097
GENERAL INFORMATION:
APPLICANT: Rajsawalk, Franciscus Antonius Maria
APPLICANT: van Oirschot, Johannes Theodorus
APPLICANT: Maes, Roger Kamel
TITLE OF INVENTION: Bovine Herpesvirus Type 1
TITLE OF INVENTION: Deletion Mutants, Vaccines Based
TITLE OF INVENTION: Thereon, Diagnostic Kits For
TITLE OF INVENTION: Detection Of Bovine Herpesvirus
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann & Baron
STREET: 350 Jericho Turnpike
CITY: Jericho
STATE: New York
COUNTRY: United States of America
ZIP: 11753
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch,
MEDIUM TYPE: 1.44 MB Storage
COMPUTER: IBM PC compatible

OPERATING SYSTEM: MS DOS
SOFTWARE: WORD PERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/949,788
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/150,203
FILING DATE: 22-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Louise A. Foulch
REGISTRATION NUMBER: 37,133
REFERENCE/DOCKET NUMBER: 294-22
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 822-3550
TELEFAX: (516) 822-3582
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 155 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: Linear
US-08-949-788-7

Query Match 44.2%; Score 42; DB 4; Length 155;
Best Local Similarity 63.6%; Pred. No. 11;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3 RCMGRRVYRPC 13
DB 43 RCLLYVYVPC 53

RESULT 12
5352575-9
Patent No. 5352575
APPLICANT: PETROVSKIS, ERIK A.; POST, LEONARD E.; TIMMINS, JAMES G.
TITLE OF INVENTION: PSEUDORABIES VIRUS PROTEIN
NUMBER OF SEQUENCES: 12
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/513,282
FILING DATE: 20-APR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 100,817
FILING DATE: 29-JUN-1987
APPLICATION NUMBER: 886,260
FILING DATE: 16-JUL-1986
APPLICATION NUMBER: 784,787
FILING DATE: 04-OCT-1985
APPLICATION NUMBER: 801,799
FILING DATE: 26-NOV-1985
APPLICATION NUMBER: 844,113
FILING DATE: 26-MAR-1986
SEQ ID NO: 9
LENGTH: 577
5352575-9

Query Match 44.2%; Score 42; DB 6; Length 577;
Best Local Similarity 63.6%; Pred. No. 40;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3 RCMGRRVYRPC 13
DB 273 RCLLYVYVPC 283

RESULT 13
US-08-341-916-2
Sequence 2, Application US/08341916
Patent No. 5614609
GENERAL INFORMATION:
APPLICANT: Iy ez, Carlos F.
APPLICANT: Ryd n, Mikael

APPLICANT: J Inwall, Henrik
TITLE OF INVENTION: A No. 5614609e1 Serine Threonine Kinase Receptor
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/341,916
FILING DATE: Herewith
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1459, 0230001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 493 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-341-916-2

Query Match 42.1%; Score 40; DB 1; Length 493;
Best Local Similarity 50.0%; Pred. No. 71;
Matches 5; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 5 MCGRYRRCW 14
DB 456 VMGRIMRCW 465

RESULT 14
US-08-805-166-2
Sequence 2, Application US/08805166
Patent No. 5789565
GENERAL INFORMATION:
APPLICANT: ID ez, Carlos F.
APPLICANT: Ryd n, Mikael
TITLE OF INVENTION: A No. 5789565e1 Serine Threonine Kinase Receptor
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/805,166
FILING DATE: 24-FEB-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/341,916
FILING DATE: 15-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1459, 0230001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 493 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-805-169-2

Query Match 42.1%; Score 40; DB 2; Length 493;
Best Local Similarity 50.0%; Pred. No. 71;
Matches 5; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 5 MCGRYRRCW 14
DB 456 VMGRIMRCW 465

NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1459, 0230001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 493 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-805-166-2

Query Match 42.1%; Score 40; DB 1; Length 493;
Best Local Similarity 50.0%; Pred. No. 71;
Matches 5; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 5 MCGRYRRCW 14
DB 456 VMGRIMRCW 465

RESULT 15
US-08-805-169-2
Sequence 2, Application US/08805169
Patent No. 5811245
GENERAL INFORMATION:
APPLICANT: ID ez, Carlos F.
APPLICANT: Ryd n, Mikael
TITLE OF INVENTION: A No. 5811245e1 Serine Threonine Kinase Receptor
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/805,169
FILING DATE: 24-FEB-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/341,916
FILING DATE: 15-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1459, 0230001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 493 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-805-169-2

Query Match 42.1%; Score 40; DB 2; Length 493;
Best Local Similarity 50.0%; Pred. No. 71;
Matches 5; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 5 MCGRYRRCW 14
DB 456 VMGRIMRCW 465

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Page 7

Db 456 VMGRMRCM 465

Search completed: June 25, 2003, 11:56:36
Job time : 14.08 secs